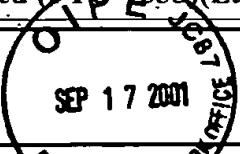


Sector

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.
ER-090-US-01

In Re Application Of: Hill et.al.



Serial No.
09/867,046

Filing Date
05/29/2001

Examiner
N/A

Group Art Unit
3635

Invention: Metal Plasma Surface-Modified Thermal Barrier Channel

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on

07/27/2001
Date

Enclosed herewith for filing are the following:

- A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- Other (list):

1. Applicant submits a copy of the oath that was filed with the original application on May 29, 2001.
2. The enclosed copy of the transmittal letter and return receipt postcard indicate that the oath was received by the Patent Office with the filing of the application. Accordingly Applicant believes that no additional fee is due. However, if the Patent Office deems otherwise, please charge any fees due to Deposit Account 06-2241.
3. Change of Attorney or Agent's Address In Application.
4. Postcard

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.
ER-090-US-01

In Re Application Of: Hill et al.

Serial No.	Filing Date	Examiner	Group Art Unit
09/867,046	05/29/2001	N/A	3635

Invention: Metal Plasma Surface-Modified Thermal Barrier Channel

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

Completion of application fees as calculated below:

Utility application filing fee _____

Design application filing fee _____

Total number of independent claims = _____

Total number of claims = _____

Multiple dependent claims _____

Surcharge for late payment of filing fee and/or late filing of original declaration or oath _____

Petition and fee for filing by other than all the inventors or a person not the inventor _____

Fee for processing an application filed with a non-English language specification _____

Fee for processing and retention of application _____

Total completion of application fees

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

One month Two months Three months Four months Five months

from:

until:

Date

Total time extension fees

Total fees due

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.
ER-090-US-01

In Re Application Of: Hill et al.

Serial No.
09/867,046

Filing Date
05/29/2001

Examiner
N/A

Group Art Unit
3635

Invention: Metal Plasma Surface-Modified Thermal Barrier Channel

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

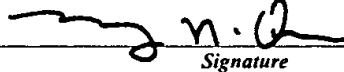
Box Missing Parts

The fee of _____ is to be paid as follows:

A check in the amount of the fee is enclosed.

The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **06-2241**
A duplicate copy of this sheet is enclosed.

If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **06-2241**
A duplicate copy of this sheet is enclosed.

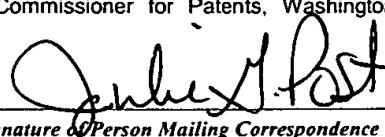


Signature

Dated: **Sept. 11, 2001**

Nancy N. Quan, Agent Reg No. 36,248
H.B. Fuller Company, Patent Dept.
1200 Willow Lake Blvd.
P.O. Box 64683
St. Paul, MN 55164-0683

I certify that this document and fee is being deposited on **9/11/2001** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.



Signature of Person Mailing Correspondence

CC:

Julie G. Post

Typed or Printed Name of Person Mailing Correspondence

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Nathanael Hill

Docket No.

ER-090-US-01

Serial No.

Filing Date

May 29, 2001

Examiner

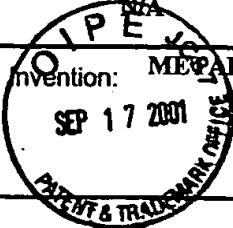
N/A

Group Art Unit

N/A

Invention: METAL PLASMA SURFACE-MODIFIED THERMAL BARRIER CHANNEL

SEP 17 2001



I hereby certify that the following correspondence:

1. Utility Patent Application Transmittal	5. Post-card
2. Patent Application	
3. Declaration/Power of Attorney	
4. Assignment & Recordation Form	

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on

May 29, 2001

(Date)

Julie G. Post

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

EL397262756US

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Note: Each paper must have its own certificate of mailing.

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UTILITY PATENT APPLICATION TRANSMITTAL
(Large Entity)

SEP. 17 2001

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
ER-090-US-01

Total Pages in this Submission

29

TO THE ASSISTANT COMMISSIONER FOR PATENTSBox Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

METAL PLASMA SURFACE-MODIFIED THERMAL BARRIER CHANNEL

and invented by:

Nathanael HillIf a **CONTINUATION APPLICATION**, check appropriate box and supply the requisite information:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Which is a:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Which is a:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____

Enclosed are:

Application Elements

1. Filing fee as calculated and transmitted as described below
2. Specification having 19 pages and including the following:
 - a. Descriptive Title of the Invention
 - b. Cross References to Related Applications (if applicable)
 - c. Statement Regarding Federally-sponsored Research/Development (if applicable)
 - d. Reference to Microfiche Appendix (if applicable)
 - e. Background of the Invention
 - f. Brief Summary of the Invention
 - g. Brief Description of the Drawings (if drawings filed)
 - h. Detailed Description
 - i. Claim(s) as Classified Below
 - j. Abstract of the Disclosure

COPY

RE

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/867,046	05/29/2001	Nathanael Hill	ER-090-US-01

27791
ALLISON JOHNSON P.A.
6016 LOGAN AVE S.
MINNEAPOLIS, MN 55419



CONFIRMATION NO. 6093

FORMALITIES LETTER



OC00000006352537

Date Mailed: 07/27/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center
Initial Patent Examination Division (703) 308-1202
PART I - ATTORNEY/APPLICANT COPY

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Date In <i>5/29/01</i>	<input checked="" type="checkbox"/> 12 Noon <input type="checkbox"/> 3 PM	Postage <i>\$12.25</i>
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FROM: (PLEASE PRINT)

PHONE *(651)234-5603*

H.B. Fuller Company
Patent Dept. (ER-090-US-01)
PO Box 64683
St. Paul, MN 55164-0683

TO: (PLEASE PRINT)

PHONE

Box Patent Application
Assistant Commissioner
For Patents
Washington D.C. 20231

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Serial No.:

Docket No.:

E R-090-US-01

Serial No.:

*n/a*Applicant(s): *R. Hill et al.*Title: *Metal Plasma Surface-Modified Thermal Barrier Channel*

Receipt is hereby acknowledged for the following in the U.S. Patent and Trademark Office:

- New; Continuation; Divisional; Provisional; CIP Patent Application Under 37 CFR 1.53(b);
- 12 pgs. Specification; 6 pgs. Claims; & 1 page Abstract; Drawings: Sheets (Formal/ Informal)
- Combined Declaration & Power of Attorney, or Substitute POA, or Associate POA
- Supplemental or Information Disclosure Statement, Modified Form 1449 & Cited References
- Response to Missing Parts & PTO 1533 Copy
- Petition for Extension of Time
- Assignment Recordation Form & Executed Assignment
- Declaration Under Rule 132
- Amendment/Response to Office Action
- Notice of Appeal and/or Appeal Brief and Transmittal
- Issue Fee Transmittal & PTOL-85
- Payment Authorization from Deposit Account 06-2241 for \$*1,056.00*
- Other *Postcard*
- Certificate of First Class Mailing Under 37 CFR 1.8 Dated *5/29/01*
- "Express Mail" Mailing Label No. *EL397262756US* Date *5/29/01*

Initials
*JTP***COPY**